

Detailed Claim Listing

The following is a detailed listing of all claims that are, or were, pending in the present application. Please cancel claims 1 and 3, amend claims 2 and 4, and add claims 20-26 as follows:

1. (Cancelled)
2. (Currently Amended) The cannula support as set forth in ~~claim 1~~ claim 4, wherein said thread turning in said first direction is an inner thread and said thread turning in said generally opposite direction is an outer thread.
3. (Cancelled)
4. (Currently Amended) A cannula system comprising:
a cannula support ~~as set forth in claim 1~~ comprising a thread turning in a first direction and another thread turning in a second, generally opposite direction; and
a protective cap having a thread engageable with said thread turning in said second generally opposite direction.
5. (Original) The cannula system as set forth in claim 4, comprising at least one latching element arranged on one of the inside and outside of said cannula support.
6. (Original) The system as set forth in claim 5, wherein said protective cap comprises at least one complementary latching element for latching with the latching element of the cannula support.
7. (Original) The system as set forth in claim 4, wherein a second protective cap is arranged within said protective cap.
8. (Original) The system as set forth in claim 4, comprising an injection device having a

thread engageable with said thread turning in the first direction.

9. (Original) A cannula support comprising a protective cap, wherein at least one latching element is provided on said cannula support and at least one corresponding latching element is provided on said protective cap, the latching elements cooperating to create a latching connection between the cannula support and the protective cap.

10. (Original) The cannula support as set forth in claim 9, wherein the latching elements cooperate to form a non-releasable latching connection.

11. (Original) The cannula support as set forth in claim 9, wherein the protective cap can be coupled to the cannula support in such a way that there is no connection between the latching elements.

12. (Original) The cannula support as set forth in claim 9, wherein one of the at least one latching element on the cannula support and the corresponding latching element on the protective cap is one of the group consisting of a cam, a circumferential ring, an element biased by a spring force, a recess and a through-hole.

13. (Original) The cannula support as set forth in claim 9, wherein the at least one latching element is provided on a lateral, outer surface of the cannula support.

14. (Original) The cannula support as set forth in claim 9, wherein at least one second latching element is provided on the cannula support and can engage with one of a corresponding counter element and the corresponding latching element on the protective cap to create a releasable connection between the cannula support and the protective cap.

15. (Original) The cannula support as set forth in claim 14, wherein the cannula support comprises connection element for connecting the cannula support to a pen.

16. (Original) The cannula support as set forth in claim 15, wherein said connection element creates a connection which requires a lesser force for releasing the connection than the force required for releasing the connection between the at least one latching element on the cannula support and the corresponding latching element on the protective cap.

17. (Original) The cannula support as set forth in claim 15, wherein said protective cap is more easily releasable from said cannula support than the cannula support is from the pen.

18. (Original) A method for covering a cannula carried by a cannula support using a cannula protecting cap, wherein the cannula support comprises a latching element, and wherein the cannula is temporarily covered when the protecting cap is coupled to the cannula support but not to the latching element and permanently covered when the protecting cap is coupled to the latching element.

19. (Original) A needle cover comprising a needle support carrying a needle, said needle support comprising a cam and an inside surface with an inside thread for coupling the support to an injection device; an inner protective cap coupled to the needle support; and an outer protective cap generally surrounding the inner protective cap and comprising a left-handed thread and a cavity on an inside surface, said needle support comprising a complementary counter thread whereby the outer protective cap and the needle support may be releaseably connected to each other, said counter thread turning in a direction generally opposite to the inside thread, said cam received in said cavity after said needle support is coupled to the injection device

20. (New) A cannula system comprising:

(a) a cannula support comprising:

- (i) a first portion having a first diameter;
- (ii) a second portion having a second diameter greater than the first diameter, the second portion comprising an exterior thread turning in a first direction and an interior thread turning in a second, generally opposite direction, wherein the second diameter is greater than the first diameter;

(b) an inner protective cap connectable to the first portion; and

(c) an outer protective cap connectable to the second portion.

21. (New) The cannula system of claim 20, wherein the interior thread is connectable with a syringe.

22. (New) The cannula system of claim 21, wherein the outer protective cap is threadably connectable with the exterior thread of the second portion.

23. (New) The cannula system of claim 22, wherein the cannula system is threadably connectable with the syringe via a right-hand turning motion, thereby connecting the cannula support to the syringe.

24. (New) The cannula system of claim 23, wherein the outer protective cap is removeable from the cannula support via a continuing right-hand turning motion after the cannula support is connected to the syringe.

25. (New) The cannula system of claim 22, wherein the outer protective cap is threadably connectable with the exterior thread via a left-hand turning motion, thereby connecting the outer protective cap to the cannula support.

26. (New) The cannula system of claim 25, wherein the cannula system is threadably removeable from the syringe via a continuing left-hand turning motion after the outer protective cap is connected to the cannula support.